

2026

Curriculum Briefing

Primary 4
Mathematics

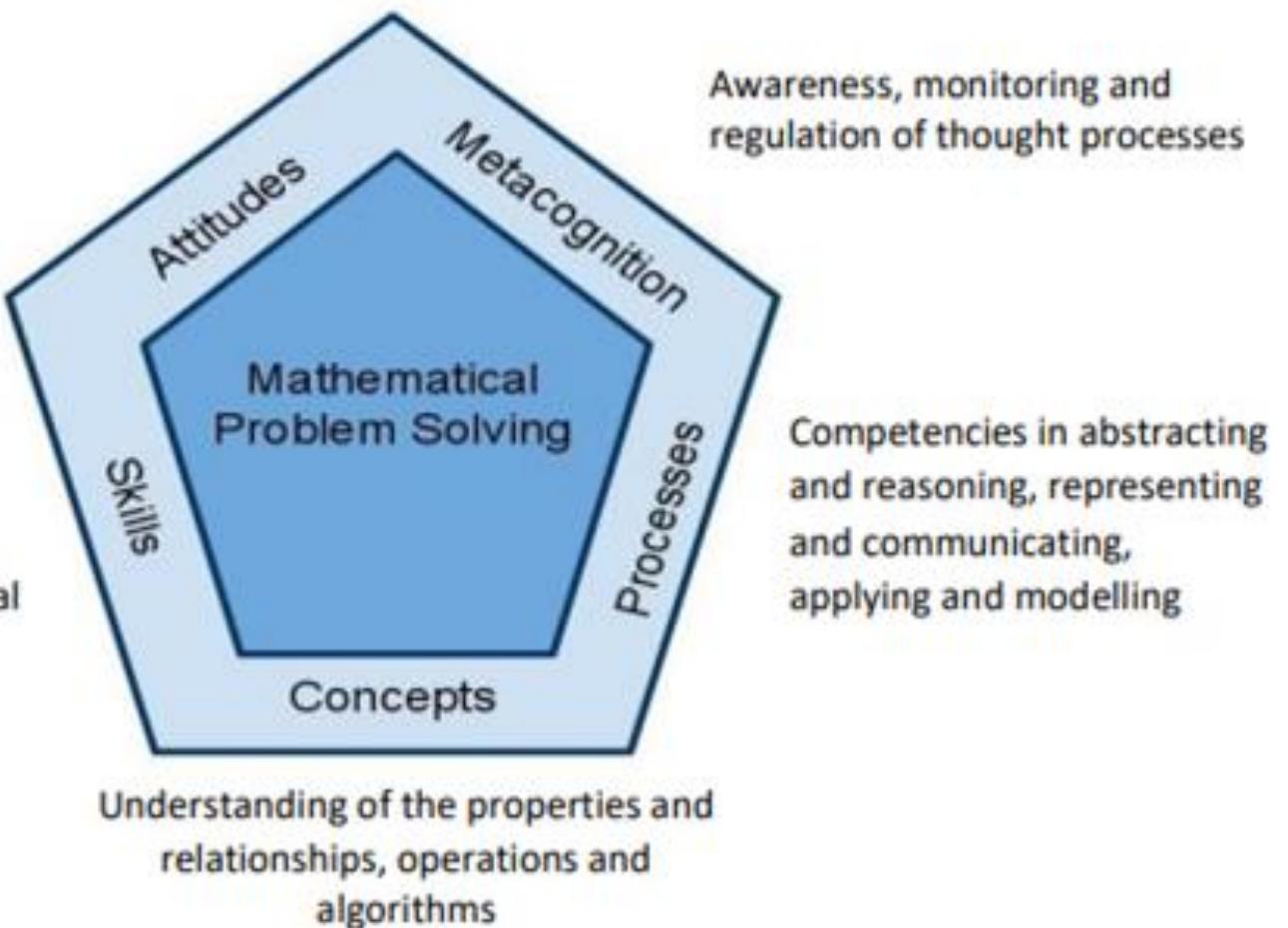
Learners driven by Passion . Leaders guided by Values
Respect . Responsibility . Resilience . Integrity . Care . Harmony



MOE Primary Mathematics Curriculum Framework

Belief, appreciation, confidence, motivation, interest and perseverance

Proficiency in carrying out operations and algorithms, visualising space, handling data and using mathematical tools



*Primary school
subjects and syllabuses*

Learners driven by Passion . Leaders guided by Values

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WestSpring
PRIMARY SCHOOL

Objectives About Primary Mathematics

- ★ Acquire mathematical concepts and skills for everyday use and continuous learning in mathematics
- ★ Develop thinking, reasoning, communication, application and metacognitive skills through a mathematical approach to problem solving
- ★ Build confidence and foster interest in mathematics



Learning at West Spring Primary

Concrete - Pictorial - Abstract Approach

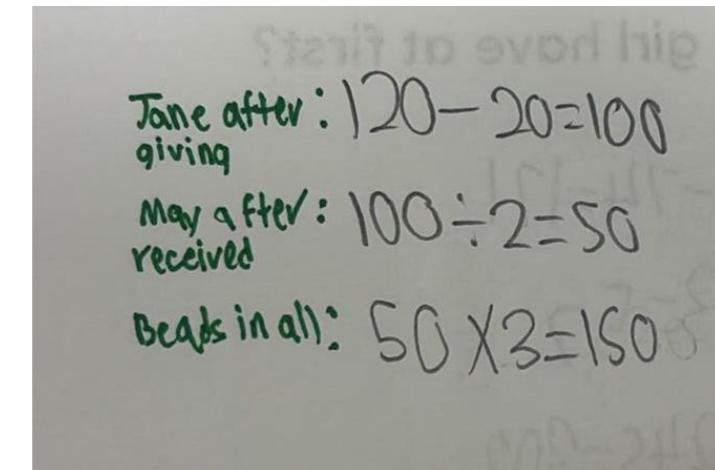
Concrete



Pictorial



Abstract



Through the use of manipulatives, students are engaged in learning the fundamental concepts, explore and ask questions that spark curiosity and interest in Math

Students represent questions and solutions in pictorial forms. These include model and diagrams drawing. This allows them to better understand the questions without physical manipulatives

Representing questions and solutions with numbers, symbols with necessary annotation, students are able to work with abstract forms.

Learning at West Spring Primary

PLAY 2.0

Engage



Through activities that spark curiosity and exploration, students learn about the concepts. This aims to build interest and motivation towards learning Math.

Empower



Students are given choices in selecting how they want to present their understanding and select different questions to check their learning of the concepts taught.

Extend



Bringing learning beyond the classroom. Students seek to apply concepts at home through real-life applications.

P4 Mathematics Topics

Semester 1	<u>Term 1</u> <ul style="list-style-type: none">• Numbers to 100 000• Factors & Multiples• Four Operations of Whole Numbers• Tables and Graphs	<u>Term 2</u> <ul style="list-style-type: none">• Fractions (<i>Mixed Number, Improper Fractions, Addition and Subtraction, Fraction of a Set</i>)• Angles• Rectangle and Squares
Semester 2	<u>Term 3</u> <ul style="list-style-type: none">• Decimals• Four Operations of Decimals• Pie Chart	<u>Term 4</u> <ul style="list-style-type: none">• Nets• Symmetry

Note:

These are the topics that will be taught each term. The topics assessed for each WA/EYE will be included in the assessment letter that will be shared with parents.

Assessments Overview

P4	Weighted Assessment 1 (WA1)	Weighted Assessment 2 (WA2)	Weighted Assessment 3 (WA3)	End-Year-Exam (EYE)
Duration	50 min	50 min	50 min	1 h 45 min
Base Marks	30 marks	30 marks	20 marks	100 marks

Assessments (for Learning, of Learning)

Assessments for Learning

To elicit students' understanding and possible gaps that need to be addressed.

Typically, assessments are used in our school formatively to inform students' learning and allow teachers to guide students in closing learning gaps.

Assessments of Learning

To inform on students' ***level of attainment*** and ***progress***.



Partnering with Teachers

Working together to support your child's learning

Bond through Math

Encourage your child to apply the Math concepts to real-life situations. For example, involve your child in budgeting for an event/trip or calculating expenses during shopping.

Build a growth mindest

Praise your child for his/her efforts rather than outcome/results and encourage them to take feedback and mistakes constructively.

Inculcate good learning habits and ownership of learning

- Develop the habit of being organised by encouraging them to file their work regularly.
- Encourage them to reflect on their learning for the week and celebrate with them on their efforts in learning.
- Encourage them to set targets and track their personal progress.



Thank you!

